

Baltimore City HIV/AIDS Epidemiological Profile

Fourth Quarter 2009

Data reported through December 31, 2009



Center for HIV Surveillance and Epidemiology
Infectious Disease and Environmental Health Administration
Maryland Department of Health and Mental Hygiene
<http://eh.dhmmh.md.gov/ideah>
1-800-358-9001



HIV/AIDS Reporting Requirements

The Maryland HIV/AIDS Reporting Act of 2007 became law on April 24, 2007. The law expanded HIV/AIDS reporting and required that HIV cases be reported by name.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician's office is located using DHMH Form 1140.
- Physicians are required to report infants born to HIV positive mothers within 48 hours to the State Health Department using DHMH Form 1140.
- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located using DHMH Form 1140.
- Laboratory directors are required to report patients with laboratory results indicating HIV infection (HIV antibody tests, CD4 immunological tests, HIV viral load tests, HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the State Health Department, using DHMH Form 4492.

For Assistance with HIV Reporting

For assistance with reporting, including establishment of routine, electronic, or other alternate methods of reporting to the Health Department, please contact the Center for HIV Surveillance and Epidemiology at the Maryland Department of Health and Mental Hygiene (410-767-5061).

Limitations in the HIV/AIDS Data

This epidemiological profile only contains HIV and AIDS data as reported by name. Despite a massive effort during which over 17,000 HIV cases were reported from April 24, 2007 through December 31, 2008, not all HIV cases previously reported by the code-based identifier were located and re-reported by name, so the number of living HIV cases is lower than previously reported. In addition, many of the re-reported HIV cases were identified by a recent diagnosis and not by their earliest diagnosis, resulting in an over-reporting of HIV diagnoses in recent years. Caution should be exercised in using the number of living HIV cases without AIDS and in interpreting trends in reported HIV diagnoses.

Stages of a Case of HIV/AIDS

Untreated HIV disease progresses from HIV infection to AIDS to death. These are biological events that occur whether or not a person receives any medical care. For example, a person can be HIV infected but never have an HIV test and so they do not have an HIV diagnosis. A medical provider diagnoses that these biological events have occurred and records them as a medical event. The law requires medical providers to report these medical events to the Health Department, thereby creating a surveillance event.

Time Point	Biological Event	Medical Event	Surveillance Event
1	HIV Infection		
2		HIV Diagnosis	
3			HIV Report
4	AIDS Conditions		
5		AIDS Diagnosis	
6			AIDS Report
7	Death		
8		Death Diagnosis	
9			Death Report

A case of HIV/AIDS can only move through time in one direction, from HIV infection to death report [from time point 1 to time point 9], but may skip over individual stages. Events can occur at the same time, but usually there is a time lag between them. The time lag between events can be measured in days, months, or years.

For example, the time between HIV infection [time point 1] and the test that diagnoses HIV [time point 2] may be several years, and it may then take several days for the laboratory to report the diagnosis to the health department [time point 3]. In a second example, a person with diagnosed and reported HIV infection [time point 3] may die [time point 7] without developing AIDS, thereby skipping the three AIDS events (conditions, diagnosis, and report [time points 4, 5 and 6]). And in a third example, a person with undiagnosed HIV infection [time point 1] may become sick, enter the hospital, and die [time point 7] of what is later determined to be AIDS. In that situation, HIV diagnosis [time point 2], AIDS diagnosis [time point 5], and death diagnosis [time point 8] would all occur at the same time, probably many years after the initial HIV infection [time point 1].

Changes in Case Terminology

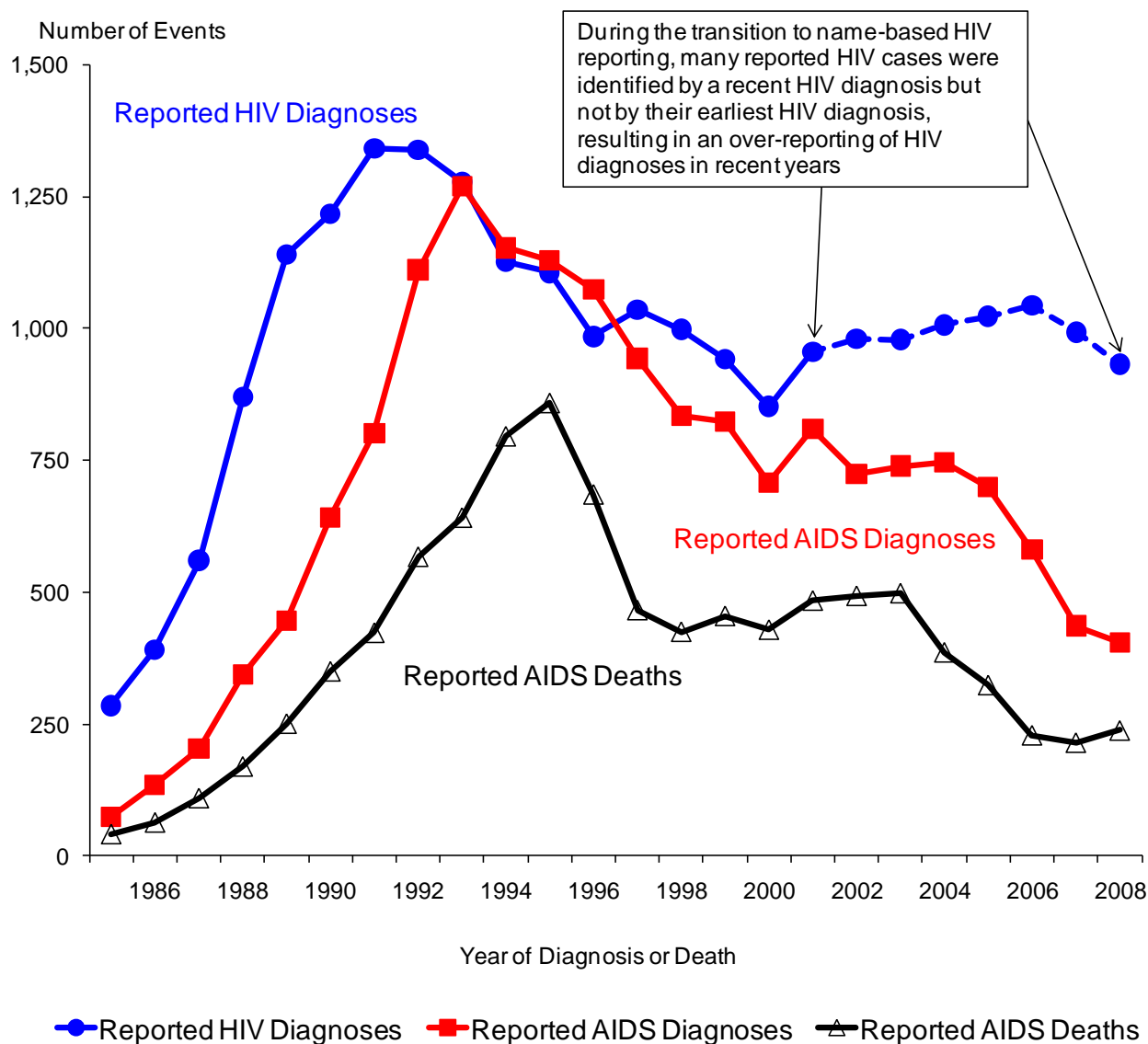
The terminology for HIV and AIDS cases was changed from earlier profiles to be more precise, with Reported Diagnoses replacing Incidence and Living Cases replacing Prevalence. Incidence is a measure of the number of new events (such as HIV infections) in a population during a period of time. Prevalence is a measure of the number of people living with a condition (such as HIV) in a population at a certain time. Prevalence includes both new and old cases. For HIV, Incidence and Prevalence cannot be directly measured and must be estimated using statistical methods. The HIV surveillance system is instead able to provide the actual number of diagnoses and deaths that are reported in the population.

For this epidemiological profile, the reports received through a certain time (the end of the year) are used to generate the number of diagnoses during the prior years. This one year lag allows for delays in reporting by providers and time for the health department to complete investigations. For example, the Reported HIV Diagnoses for 2008 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 1/1/08-12/31/08 as reported by name through 12/31/09.

To calculate the number of Living Cases we count up all of the Reported Diagnoses from the beginning of the epidemic (all the new cases each year) and subtract all of the Reported Deaths. For example, the Total Living HIV Cases on 12/31/08 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/08 as reported by name through 12/31/09.

Section I – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2008

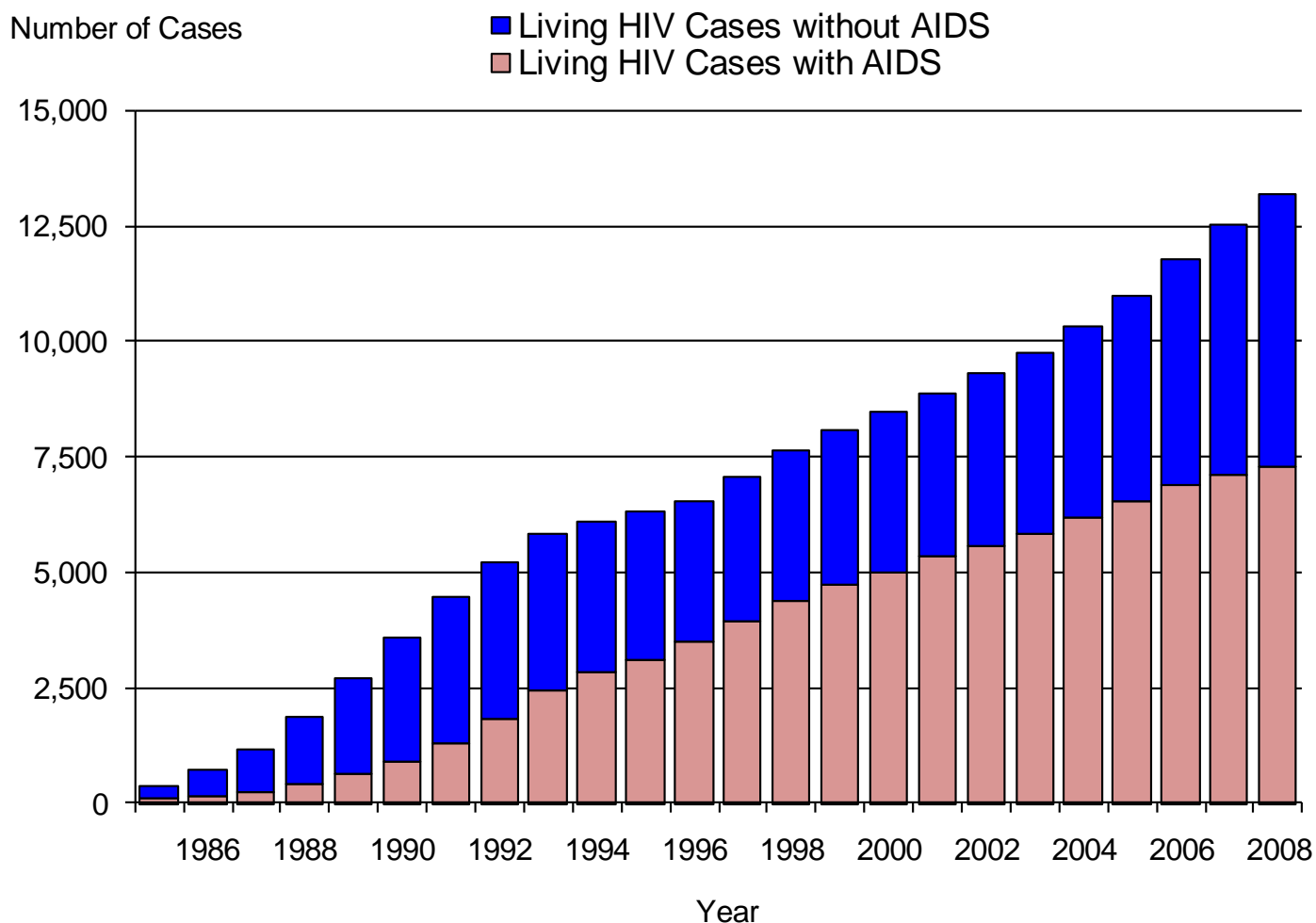
Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnosis) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2008 as Reported by Name through 12/31/09.



YEAR	Reported			YEAR	Reported			YEAR	Reported		
	HIV Diag.	AIDS Diag.	AIDS Death		HIV Diag.	AIDS Diag.	AIDS Death		HIV Diag.	AIDS Diag.	AIDS Death
1985	285	73	42	1993	1,278	1,270	641	2001	956	810	484
1986	390	135	64	1994	1,127	1,153	795	2002	981	725	493
1987	560	203	110	1995	1,106	1,129	858	2003	979	739	498
1988	871	343	170	1996	985	1,075	685	2004	1,007	746	386
1989	1,141	445	251	1997	1,035	943	466	2005	1,023	699	324
1990	1,217	641	350	1998	998	835	425	2006	1,044	580	229
1991	1,342	802	423	1999	941	823	455	2007	993	436	215
1992	1,338	1,111	567	2000	852	708	429	2008	932	404	238

Section II – Trends in Living HIV and AIDS Cases, 1985-2008

Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year from 1985 through 2008 as Reported by Name through 12/31/09

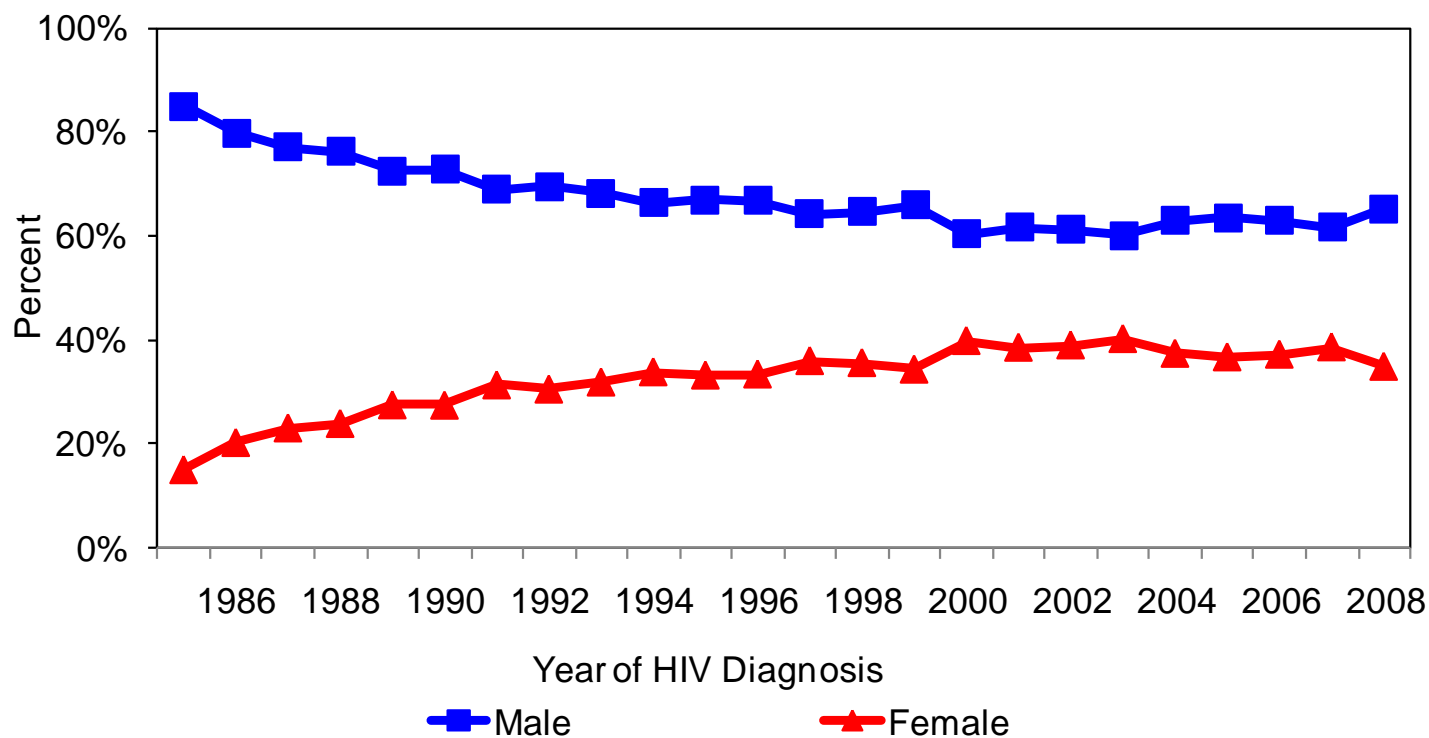


YEAR	Living HIV Cases without AIDS*	Living HIV Cases with AIDS	Total Living HIV Cases*	YEAR	Living HIV Cases without AIDS*	Living HIV Cases with AIDS	Total Living HIV Cases*
1985	291	63	354	1997	3,121	3,933	7,054
1986	545	134	679	1998	3,258	4,343	7,601
1987	898	227	1,125	1999	3,337	4,711	8,048
1988	1,422	400	1,822	2000	3,449	4,990	8,439
1989	2,105	594	2,699	2001	3,554	5,316	8,870
1990	2,670	885	3,555	2002	3,755	5,548	9,303
1991	3,197	1,264	4,461	2003	3,942	5,789	9,731
1992	3,393	1,808	5,201	2004	4,162	6,149	10,311
1993	3,375	2,437	5,812	2005	4,460	6,524	10,984
1994	3,299	2,795	6,094	2006	4,898	6,875	11,773
1995	3,214	3,066	6,280	2007	5,425	7,096	12,521
1996	3,077	3,456	6,533	2008	5,893	7,262	13,155

* During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS and the total living HIV cases are lower than previously reported

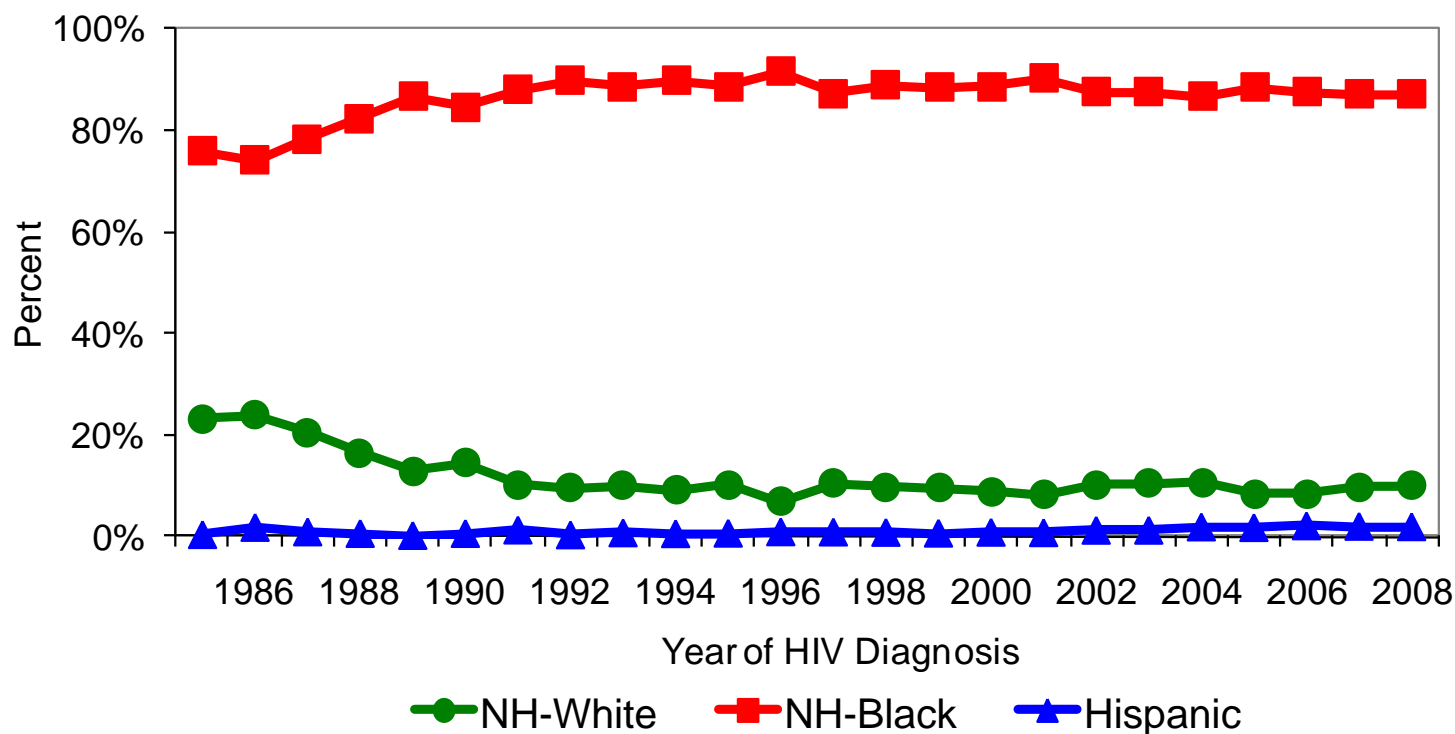
Section III – Trends in Reported HIV Diagnoses by Demographics and Exposure Category, 1985-2008

Proportions by Gender of Reported HIV Cases with or without an AIDS Diagnosis by Year of HIV Diagnosis from 1985 through 2008 as Reported by Name through 12/31/09



YEAR	Reported HIV Diagnoses	Percent Male	Percent Female	YEAR	Reported HIV Diagnoses	Percent Male	Percent Female
1985	285	84.9	15.1	1997	1,035	64.2	35.8
1986	390	79.7	20.3	1998	998	64.5	35.5
1987	560	77.0	23.0	1999	941	65.8	34.2
1988	871	76.1	23.9	2000	852	60.3	39.7
1989	1,141	72.6	27.4	2001	956	61.6	38.4
1990	1,217	72.6	27.4	2002	981	61.2	38.8
1991	1,342	68.8	31.2	2003	979	60.0	40.0
1992	1,338	69.6	30.4	2004	1,007	62.8	37.2
1993	1,278	68.2	31.8	2005	1,023	63.4	36.6
1994	1,127	66.3	33.7	2006	1,044	62.9	37.1
1995	1,106	66.9	33.1	2007	993	61.5	38.5
1996	985	66.7	33.3	2008	932	65.2	34.8

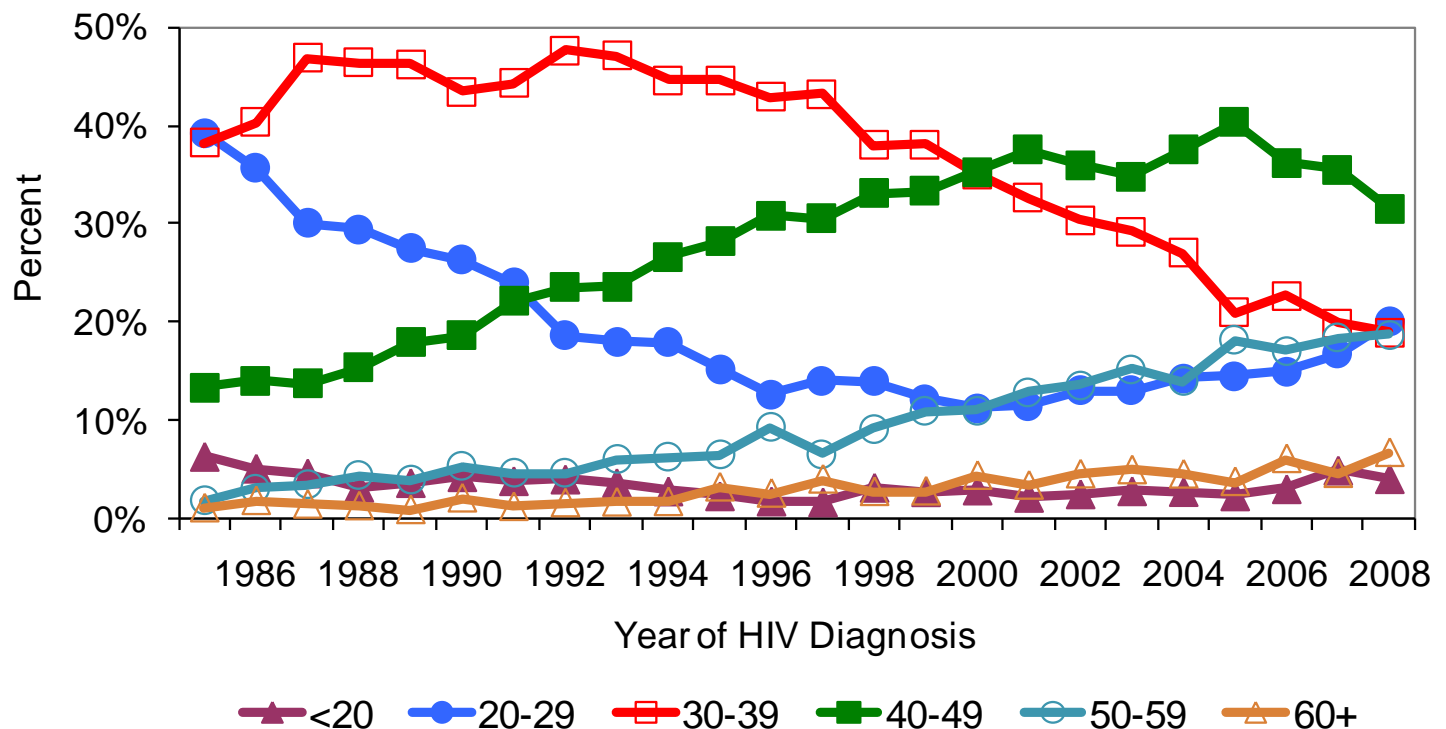
Proportions by Race/Ethnicity* of Reported HIV Cases with or without an AIDS Diagnosis by Year of HIV Diagnosis from 1985 through 2008 as Reported by Name through 12/31/09



* Other race category not shown.

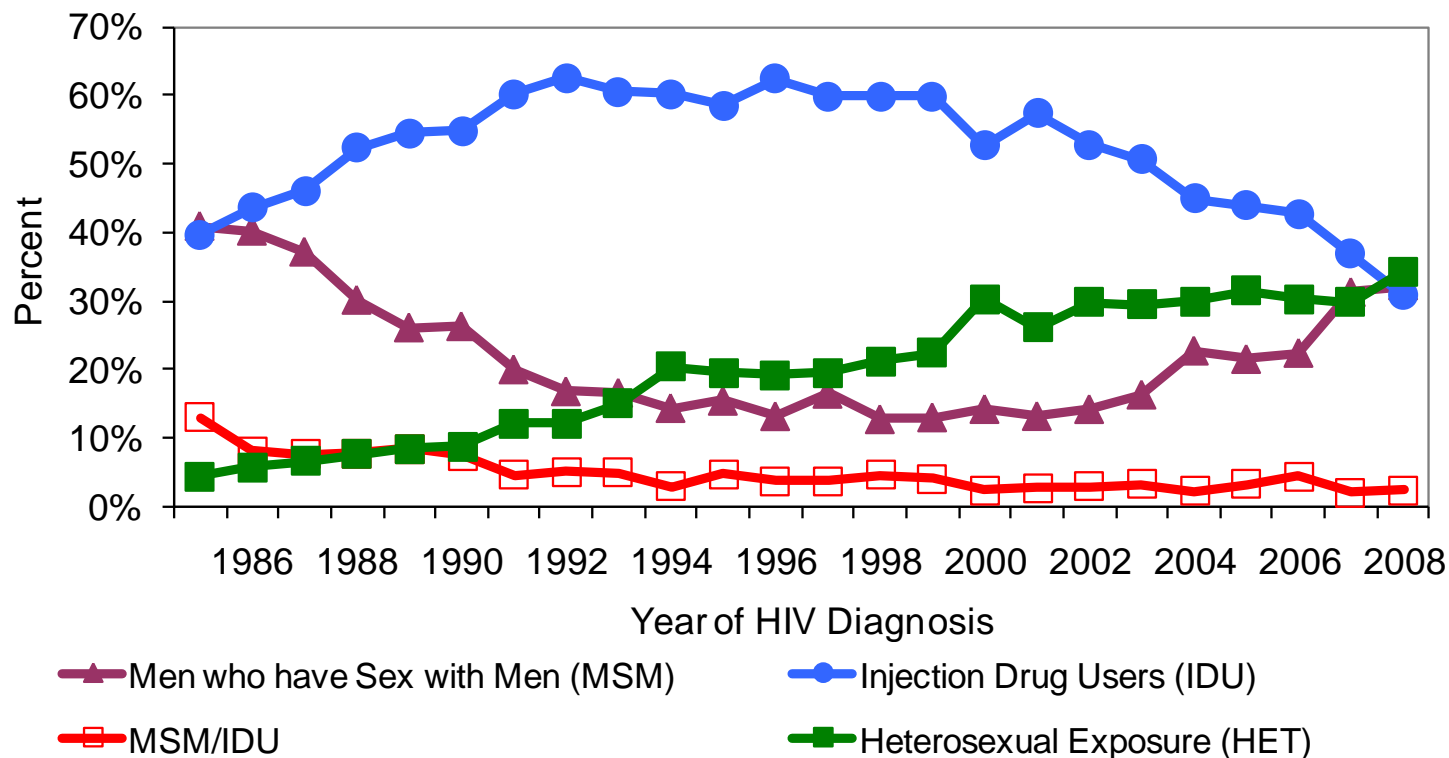
YEAR	Reported HIV Diagnoses	Percent Non-Hispanic White	Percent Non-Hispanic Black	Percent Hispanic	Percent Other
1985	285	23.2	75.8	0.4	0.7
1986	390	23.8	74.1	1.8	0.3
1987	560	20.5	78.4	0.9	0.2
1988	871	16.4	82.4	0.6	0.6
1989	1,141	13.0	86.7	0.2	0.2
1990	1,217	14.4	84.6	0.6	0.5
1991	1,342	10.3	87.9	1.3	0.5
1992	1,338	9.5	89.7	0.3	0.5
1993	1,278	9.9	88.6	0.7	0.8
1994	1,127	9.1	89.8	0.5	0.6
1995	1,106	10.3	88.6	0.6	0.5
1996	985	6.9	91.7	0.9	0.5
1997	1,035	10.5	87.2	0.9	1.4
1998	998	9.7	88.9	0.8	0.6
1999	941	9.6	88.4	0.6	1.4
2000	852	8.9	88.6	0.8	1.6
2001	956	8.2	90.2	0.7	0.9
2002	981	10.2	87.6	1.2	1.0
2003	979	10.3	87.6	1.2	0.8
2004	1,007	10.7	86.6	1.9	0.8
2005	1,023	8.5	88.6	1.8	1.2
2006	1,044	8.4	87.5	2.1	1.9
2007	993	9.7	87.0	2.0	1.3
2008	932	10.0	87.1	1.9	1.0

Proportions by Age at Diagnosis of Reported HIV Cases with or without an AIDS Diagnosis by Year of HIV Diagnosis from 1985 through 2008 as Reported by Name through 12/31/09



YEAR	Reported HIV Diagnoses	Percent Age <20	Percent Age 20-29	Percent Age 30-39	Percent Age 40-49	Percent Age 50-59	Percent Age 60+
1985	285	6.3	39.3	38.2	13.3	1.8	1.1
1986	390	5.1	35.6	40.3	14.1	3.1	1.8
1987	560	4.6	30.0	46.8	13.8	3.4	1.4
1988	871	3.2	29.4	46.4	15.4	4.4	1.3
1989	1,141	3.7	27.4	46.3	17.9	3.9	0.9
1990	1,217	4.3	26.3	43.5	18.6	5.3	2.1
1991	1,342	3.9	24.0	44.3	22.1	4.6	1.2
1992	1,338	4.0	18.6	47.6	23.5	4.6	1.6
1993	1,278	3.7	18.0	47.0	23.6	6.0	1.6
1994	1,127	2.8	17.9	44.6	26.6	6.3	1.7
1995	1,106	2.4	15.2	44.7	28.1	6.5	3.2
1996	985	1.8	12.7	42.8	30.9	9.2	2.5
1997	1,035	1.7	14.0	43.2	30.5	6.6	4.0
1998	998	3.2	13.9	38.0	33.1	9.1	2.7
1999	941	2.8	12.2	38.0	33.3	10.9	2.8
2000	852	2.9	11.3	35.1	35.3	11.0	4.3
2001	956	2.2	11.5	32.6	37.4	12.9	3.3
2002	981	2.5	13.0	30.4	36.0	13.6	4.5
2003	979	2.9	13.0	29.2	34.8	15.2	4.9
2004	1,007	2.8	14.3	27.0	37.5	13.9	4.5
2005	1,023	2.3	14.6	20.9	40.3	18.2	3.7
2006	1,044	3.1	14.9	22.7	36.2	17.0	6.0
2007	993	4.9	16.7	19.9	35.5	18.3	4.5
2008	932	4.1	20.0	19.0	31.5	18.8	6.7

Proportions by Exposure Category* of Reported HIV Cases with or without an AIDS Diagnosis and with Reported Exposure Category by Year of HIV Diagnosis from 1985 through 2008 as Reported by Name through 12/31/09



* Cases with no reported exposure category were excluded from percent distributions. Other exposure category not shown.

YEAR	Reported HIV Diagnoses	With Exposure Category	Percent MSM	Percent IDU	Percent MSM/IDU	Percent HET	Percent Other Exposure
1985	285	272	40.8	39.7	12.9	4.4	2.2
1986	390	384	40.1	43.5	8.1	5.7	2.6
1987	560	545	37.1	46.1	7.5	6.6	2.8
1988	871	848	30.1	52.2	7.7	7.5	2.5
1989	1,141	1,109	26.1	54.5	8.4	8.5	2.6
1990	1,217	1,170	26.2	54.9	7.4	8.7	2.7
1991	1,342	1,292	20.0	60.3	4.6	12.2	3.0
1992	1,338	1,275	16.8	62.6	5.1	12.1	3.5
1993	1,278	1,243	16.6	60.5	4.9	15.0	3.0
1994	1,127	1,073	14.4	60.3	2.8	20.4	2.1
1995	1,106	1,058	15.4	58.5	4.6	19.6	1.9
1996	985	934	13.2	62.4	3.7	19.2	1.5
1997	1,035	950	16.4	59.9	3.7	19.5	0.5
1998	998	919	12.7	60.0	4.6	21.1	1.6
1999	941	854	13.0	59.8	4.0	22.4	0.8
2000	852	753	14.2	52.7	2.3	30.3	0.5
2001	956	849	13.2	57.4	2.7	26.1	0.6
2002	981	859	14.2	52.9	2.9	29.8	0.2
2003	979	834	16.3	50.6	3.2	29.5	0.4
2004	1,007	824	22.7	44.6	2.2	29.9	0.4
2005	1,023	773	21.5	44.0	3.1	31.4	0.0
2006	1,044	702	22.4	42.7	4.4	30.2	0.3
2007	993	609	31.2	36.8	2.0	29.7	0.3
2008	932	575	32.2	30.8	2.3	34.3	0.5

Section IV – HIV and AIDS Cases by ZIP Code, Diagnoses during 2008

Reported HIV Cases with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/08-12/31/08 (Reported HIV Diagnoses) and Reported HIV Cases with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/08-12/31/08 (Reported AIDS Diagnoses) as Reported by Name through 12/31/09

ZIP CODE OF RESIDENCE	Population ^a	Reported HIV Diagnoses ^b			Reported AIDS Diagnoses		
	No.	No.	%	Rate ^c	No.	%	Rate ^c
21201	14,767	41	4.5%	277.6	13	3.3%	88.0
21202	23,057	78	8.6%	338.3	26	6.5%	112.8
21205	18,037	34	3.7%	188.5	10	2.5%	55.4
21206	38,513	41	4.5%	106.5	22	5.5%	57.1
21207	14,428	34	3.7%	235.7	16	4.0%	110.9
21208	1,566	2	0.2%	127.7	0	0.0%	0.0
21209	10,968	8	0.9%	72.9	3	0.8%	27.4
21210	10,615	3	0.3%	28.3	1	0.3%	9.4
21211	16,346	6	0.7%	36.7	3	0.8%	18.4
21212	23,870	27	3.0%	113.1	10	2.5%	41.9
21213	37,601	68	7.5%	180.8	34	8.5%	90.4
21214	20,819	5	0.6%	24.0	8	2.0%	38.4
21215	62,370	96	10.6%	153.9	37	9.3%	59.3
21216	35,450	55	6.1%	155.1	27	6.8%	76.2
21217	40,726	101	11.1%	248.0	41	10.3%	100.7
21218	53,855	76	8.4%	141.1	35	8.8%	65.0
21222	1,299	3	0.3%	230.9	0	0.0%	0.0
21223	30,338	50	5.5%	164.8	30	7.5%	98.9
21224	39,243	33	3.6%	84.1	14	3.5%	35.7
21225	17,470	14	1.5%	80.1	6	1.5%	34.3
21226	3,061	3	0.3%	98.0	1	0.3%	32.7
21227	552	***	***	***	***	***	***
21228	306	***	***	***	***	***	***
21229	42,024	38	4.2%	90.4	25	6.3%	59.5
21230	32,375	27	3.0%	83.4	9	2.3%	27.8
21231	15,390	19	2.1%	123.5	11	2.8%	71.5
21234	8,311	5	0.6%	60.2	3	0.8%	36.1
21236	153	***	***	***	***	***	***
21237	49	***	***	***	***	***	***
21239	23,360	23	2.5%	98.5	11	2.8%	47.1
Missing ^d		25			6		
BALTIMORE CITY TOTAL	636,919	932	100.0%	146.3	404	100.0%	63.4

a Population is extrapolated from the 2000 Census by ZIP and the July 1, 2008 Census Population Estimates by county

b During the transition to name-based HIV reporting, many reported HIV cases were identified by a recent HIV diagnosis, but not by their earliest HIV diagnosis, resulting in an over-reporting of HIV diagnoses in recent years

c Rate is number of cases per 100,000 population

d Cases with missing ZIP codes were excluded from percent distribution

*** Data withheld due to low population and/or case counts

Section V – HIV and AIDS Cases by ZIP Code, Alive on 12/31/2008

Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/08 as Reported by Name through 12/31/09

ZIP CODE OF RESIDENCE	Popu- lation ^a	Living HIV Cases without AIDS ^b			Living HIV Cases with AIDS			Total Living HIV Cases ^b			
	No.	No.	%	Rate ^c	No.	%	Rate ^c	No.	%	Rate ^c	Ratio ^d (1 in X)
21201	14,767	268	4.6%	1,814.9	346	4.8%	2,343.1	614	4.7%	4,157.9	24
21202	23,057	414	7.1%	1,795.6	533	7.4%	2,311.7	947	7.3%	4,107.2	24
21205	18,037	372	6.4%	2,062.4	388	5.4%	2,151.1	760	5.9%	4,213.6	23
21206	38,513	190	3.3%	493.3	277	3.9%	719.2	467	3.6%	1,212.6	82
21207	14,428	166	2.9%	1,150.5	186	2.6%	1,289.2	352	2.7%	2,439.7	40
21208	1,566	17	0.3%	1,085.6	5	0.1%	319.3	22	0.2%	1,404.9	71
21209	10,968	34	0.6%	310.0	28	0.4%	255.3	62	0.5%	565.3	176
21210	10,615	20	0.3%	188.4	11	0.2%	103.6	31	0.2%	292.0	342
21211	16,346	56	1.0%	342.6	81	1.1%	495.5	137	1.1%	838.1	119
21212	23,870	143	2.5%	599.1	172	2.4%	720.6	315	2.4%	1,319.6	75
21213	37,601	404	7.0%	1,074.4	565	7.9%	1,502.6	969	7.5%	2,577.1	38
21214	20,819	60	1.0%	288.2	92	1.3%	441.9	152	1.2%	730.1	136
21215	62,370	546	9.4%	875.4	672	9.4%	1,077.4	1,218	9.4%	1,952.9	51
21216	35,450	321	5.5%	905.5	468	6.5%	1,320.2	789	6.1%	2,225.7	44
21217	40,726	674	11.6%	1,655.0	837	11.7%	2,055.2	1,511	11.6%	3,710.2	26
21218	53,855	534	9.2%	991.6	654	9.1%	1,214.4	1,188	9.2%	2,205.9	45
21222	1,299	25	0.4%	1,924.6	2	0.0%	154.0	27	0.2%	2,078.5	48
21223	30,338	388	6.7%	1,278.9	518	7.2%	1,707.4	906	7.0%	2,986.4	33
21224	39,243	211	3.6%	537.7	227	3.2%	578.4	438	3.4%	1,116.1	89
21225	17,470	123	2.1%	704.1	149	2.1%	852.9	272	2.1%	1,557.0	64
21226	3,061	13	0.2%	424.7	16	0.2%	522.7	29	0.2%	947.4	105
21227	552	***	***	***	***	***	***	***	***	***	***
21228	306	***	***	***	***	***	***	***	***	***	***
21229	42,024	270	4.7%	642.5	354	4.9%	842.4	624	4.8%	1,484.9	67
21230	32,375	167	2.9%	515.8	187	2.6%	577.6	354	2.7%	1,093.4	91
21231	15,390	147	2.5%	955.2	195	2.7%	1,267.1	342	2.6%	2,222.2	45
21234	8,311	23	0.4%	276.7	30	0.4%	361.0	53	0.4%	637.7	156
21236	153	***	***	***	***	***	***	***	***	***	***
21237	49	***	***	***	***	***	***	***	***	***	***
21239	23,360	132	2.3%	565.1	164	2.3%	702.1	296	2.3%	1,267.1	78
Missing ^d		98			86			184			
BALTIMORE CITY TOTAL	636,919	5,893	100.0%	925.2	7,262	100.0%	1,140.2	13,155	100.0%	2,065.4	48

a Population is extrapolated from the 2000 Census by ZIP and the July 1, 2008 Census Population Estimates by county

b During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS and the total living HIV cases are lower than previously reported

c Rate is number of cases per 100,000 population

d Ratio is number of people per case (there was 1 case for every 48 people in Baltimore City)

e Cases with missing ZIP codes were excluded from percent distributions

*** Data withheld due to low population and/or case counts

Section VI – HIV and AIDS Case by Demographics, Diagnoses during 2008

Reported HIV Cases with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/08-12/31/08 (Reported HIV Diagnoses) and Reported HIV Cases with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/08-12/31/08 (Reported AIDS Diagnoses) as Reported by Name through 12/31/09

GENDER	Population ^a	Reported HIV Diagnoses ^b			Reported AIDS Diagnoses		
	No.	No.	%	Rate ^c	No.	%	Rate ^c
Male	297,383	608	65.2%	204.5	259	64.1%	87.1
Female	339,536	324	34.8%	95.4	145	35.9%	42.7
GENDER TOTAL	636,919	932	100.0%	146.3	404	100.0%	63.4

RACE/ETHNICITY	Population ^a	Reported HIV Diagnoses ^b			Reported AIDS Diagnoses		
	No.	No.	%	Rate ^c	No.	%	Rate ^c
Non-Hispanic White	196,112	93	10.0%	47.4	27	6.7%	13.8
Non-Hispanic Black	401,573	812	87.1%	202.2	364	90.1%	90.6
Hispanic	17,014	18	1.9%	105.8	6	1.5%	35.3
Other	22,220	9	1.0%	40.5	7	1.7%	31.5
RACE/ETHNICITY TOTAL	636,919	932	100.0%	146.3	404	100.0%	63.4

AGE AT DIAGNOSIS	Population ^a	Reported HIV Diagnoses ^b			Reported AIDS Diagnoses		
	No.	No.	%	Rate ^c	No.	No.	Rate ^c
<5 (Pediatric)	45,933	2	0.2%	4.4	0	0.0%	0.0
5-12 (Pediatric)	64,676	1	0.1%	1.5	0	0.0%	0.0
13-19	66,063	35	3.8%	53.0	10	2.5%	15.1
20-29	97,226	186	20.0%	191.3	41	10.1%	42.2
30-39	83,111	177	19.0%	213.0	80	19.8%	96.3
40-49	91,184	294	31.5%	322.4	161	39.9%	176.6
50-59	83,493	175	18.8%	209.6	90	22.3%	107.8
60+	105,233	62	6.7%	58.9	22	5.4%	20.9
AGE TOTAL	636,919	932	100.0%	146.3	404	100.0%	63.4

a Population is from the July 1, 2008 Census Population Estimates

b During the transition to name-based HIV reporting, many reported HIV cases were identified by a recent HIV diagnosis, but not by their earliest HIV diagnosis, resulting in an over-reporting of HIV diagnoses in recent years

c Rate is number of cases per 100,000 population

Section VII – HIV and AIDS Cases by Demographics, Alive on 12/31/2008

Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/08 as Reported by Name through 12/31/09

GENDER	Popu- lation ^a	Living HIV Cases without AIDS ^b			Living HIV Cases with AIDS			Total Living HIV Cases ^b			
	No.	No.	%	Rate ^c	No.	%	Rate ^c	No.	%	Rate ^c	Ratio ^d (1 in X)
Male	297,383	3,633	61.6%	1,221.7	4,606	63.4%	1,548.8	8,239	62.6%	2,770.5	36
Female	339,536	2,260	38.4%	665.6	2,656	36.6%	782.2	4,916	37.4%	1,447.9	69
GENDER TOTAL	636,919	5,893	100.0%	925.2	7,262	100.0%	1,140.2	13,155	100.0%	2,065.4	48

RACE/ ETHNICITY	Popu- lation ^a	Living HIV Cases without AIDS ^b			Living HIV Cases with AIDS			Total Living HIV Cases ^b			
	No.	No.	%	Rate ^c	No.	%	Rate ^c	No.	%	Rate ^c	Ratio ^d (1 in X)
Non-Hispanic White	196,112	726	12.3%	370.2	766	10.5%	390.6	1,492	11.3%	760.8	131
Non-Hispanic Black	401,573	5,013	85.1%	1,248.3	6,329	87.2%	1,576.1	11,342	86.2%	2,824.4	35
Hispanic	17,014	84	1.4%	493.7	98	1.3%	576.0	182	1.4%	1,069.7	93
Other	22,220	70	1.2%	315.0	69	1.0%	310.5	139	1.1%	625.6	159
RACE/ ETHNICITY TOTAL	636,919	5,893	100.0%	925.2	7,262	100.0%	1,140.2	13,155	100.0%	2,065.4	48

AGE ON 12/31/08	Popu- lation ^a	Living HIV Cases without AIDS ^b			Living HIV Cases with AIDS			Total Living HIV Cases ^b			
	No.	No.	%	Rate ^c	No.	%	Rate ^c	No.	%	Rate ^c	Ratio ^d (1 in X)
<5 (Pediatric)	45,933	3	0.1%	6.5	0	0.0%	0.0	3	0.0%	6.5	15,311
5-12 (Pediatric)	64,676	21	0.4%	32.5	12	0.2%	18.6	33	0.3%	51.0	1,959
13-19	66,063	118	2.0%	178.6	75	1.0%	113.5	193	1.5%	292.1	342
20-29	97,226	642	10.9%	660.3	311	4.3%	319.9	953	7.2%	980.2	102
30-39	83,111	1,026	17.4%	1,234.5	960	13.2%	1,155.1	1,986	15.1%	2,389.6	41
40-49	91,184	2,109	35.8%	2,312.9	2,912	40.1%	3,193.5	5,021	38.2%	5,506.4	18
50-59	83,493	1,485	25.2%	1,778.6	2,322	32.0%	2,781.1	3,807	28.9%	4,559.7	21
60+	105,233	489	8.3%	464.7	670	9.2%	636.7	1,159	8.8%	1,101.4	90
AGE TOTAL	636,919	5,893	100.0%	925.2	7,262	100.0%	1,140.2	13,155	100.0%	2,065.4	48

a Population is from the July 1, 2008 Census Population Estimates

b During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS and the total living HIV cases are lower than previously reported

c Rate is number of cases per 100,000 population

d Ratio is number of people per case (there was 1 case for every 48 people in Baltimore City)

Section VIII –HIV and AIDS Cases by Expanded Demographics, Alive on 12/31/2008

Male Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/08 as Reported by Name through 12/31/09

MALES						
AGE ON 12/31/08		RACE/ETHNICITY				TOTAL MALES BY AGE
		Non-Hispanic White	Non-Hispanic Black	Hispanic	Other	
<13 (Pediatric)	Population ^a	14,269	37,236	2,522	2,391	56,418
	Cases ^b	0	16	0	0	16
	Rate ^c	0.0	43.0	0.0	0.0	28.4
	Ratio (1 in X) ^d	---	2,327	---	---	3,526
13-19	Population ^a	7,944	23,166	769	1,160	33,039
	Cases ^b	***	88	***	***	97
	Rate ^c	***	379.9	***	***	293.6
	Ratio (1 in X) ^d	***	263	***	***	340
20-29	Population ^a	13,759	28,498	1,524	2,657	46,438
	Cases ^b	***	526	***	***	593
	Rate ^c	***	1,845.7	***	***	1,277.0
	Ratio (1 in X) ^d	***	54	***	***	78
30-39	Population ^a	14,528	21,469	1,696	1,917	39,610
	Cases ^b	155	788	33	10	986
	Rate ^c	1,066.9	3,670.4	1,945.8	521.6	2,489.3
	Ratio (1 in X) ^d	93	27	51	191	40
40-49	Population ^a	14,870	25,564	1,173	1,024	42,631
	Cases ^b	458	2,466	***	***	3,023
	Rate ^c	3,080.0	9,646.4	***	***	7,091.1
	Ratio (1 in X) ^d	32	10	***	***	14
50-59	Population ^a	13,559	22,620	597	789	37,565
	Cases ^b	317	2,291	***	***	2,649
	Rate ^c	2,337.9	10,128.2	***	***	7,051.8
	Ratio (1 in X) ^d	42	9	***	***	14
60+	Population ^a	16,506	23,608	685	883	41,682
	Cases ^b	125	727	***	***	875
	Rate ^c	757.3	3,079.5	***	***	2,099.2
	Ratio (1 in X) ^d	132	32	***	***	47
TOTAL MALES BY RACE/ ETHNICITY	Population ^a	95,435	182,161	8,966	10,821	297,383
	Cases ^b	1,104	6,902	144	89	8,239
	Rate ^c	1,156.8	3,789.0	1,606.1	822.5	2,770.5
	Ratio (1 in X) ^d	86	26	62	121	36

a Population is from the July 1, 2008 Census Population Estimates

b During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS and the total living HIV cases are lower than previously reported

c Rate is number of cases per 100,000 population

d Ratio is number of people per case (there was 1 case for every 36 males in Baltimore City)

*** Data withheld due to low population and/or case counts

Female Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/08 as Reported by Name through 12/31/09

FEMALES						
AGE ON 12/31/08		RACE/ETHNICITY				TOTAL FEMALES BY AGE
		Non-Hispanic White	Non-Hispanic Black	Hispanic	Other	
<13 (Pediatric)	Population ^a	13,495	36,028	2,397	2,271	54,191
	Cases ^b	0	20	0	0	20
	Rate ^c	0.0	55.5	0.0	0.0	36.9
	Ratio (1 in X) ^d	---	1,801	---	---	2,709
13-19	Population ^a	7,808	23,422	714	1,080	33,024
	Cases ^b	***	93	***	***	96
	Rate ^c	***	397.1	***	***	290.7
	Ratio (1 in X) ^d	***	251	***	***	344
20-29	Population ^a	14,976	31,594	1,483	2,735	50,788
	Cases ^b	***	319	***	***	360
	Rate ^c	***	1,009.7	***	***	708.8
	Ratio (1 in X) ^d	***	99	***	***	141
30-39	Population ^a	14,291	26,017	1,233	1,960	43,501
	Cases ^b	105	869	11	15	1,000
	Rate ^c	734.7	3,340.1	892.1	765.3	2,298.8
	Ratio (1 in X) ^d	136	29	112	130	43
40-49	Population ^a	13,599	32,914	961	1,079	48,553
	Cases ^b	164	1,797	***	***	1,998
	Rate ^c	1,206.0	5,459.7	***	***	4,115.1
	Ratio (1 in X) ^d	82	18	***	***	24
50-59	Population ^a	13,619	30,749	538	1,022	45,928
	Cases ^b	67	1,078	***	***	1,158
	Rate ^c	492.0	3,505.8	***	***	2,521.3
	Ratio (1 in X) ^d	203	28	***	***	39
60+	Population ^a	22,889	38,688	722	1,252	63,551
	Cases ^b	16	264	***	***	284
	Rate ^c	69.9	682.4	***	***	446.9
	Ratio (1 in X) ^d	1,430	146	***	***	223
TOTAL FEMALES BY RACE/ ETHNICITY	Population ^a	100,677	219,412	8,048	11,399	339,536
	Cases ^b	388	4,440	38	50	4,916
	Rate ^c	385.4	2,023.6	472.2	438.6	1,447.9
	Ratio (1 in X) ^d	259	49	211	227	69

a Population is from the July 1, 2008 Census Population Estimates

b During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS and the total living HIV cases are lower than previously reported

c Rate is number of cases per 100,000 population

d Ratio is number of people per case (there was 1 case for every 69 females in Baltimore City)

*** Data withheld due to low population and/or case counts

Section IX – HIV and AIDS Cases by Exposure Category, Age, and Gender, Diagnoses during 2008

Reported HIV Cases with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/08-12/31/08 (Reported HIV Diagnoses) and Reported HIV Cases with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/08-12/31/08 (Reported AIDS Diagnoses) as Reported by Name through 12/31/09

ALL AGES ALL GENDERS EXPOSURE CATEGORY	Reported HIV Diagnoses ^a		Reported AIDS Diagnoses	
	No.	%	No.	%
Men who have Sex with Men (MSM)	185	32.2%	60	18.9%
Injection Drug Users (IDU)	177	30.8%	142	44.7%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	13	2.3%	10	3.1%
Heterosexual Exposure (HET)	197	34.3%	102	32.1%
Other Exposures	3	0.5%	4	1.3%
No Reported Exposure ^b	357		86	
TOTAL	932	100.0%	404	100.0%

ADULT/ADOLESCENT (AGE 13+ AT DIAGNOSIS) MALES EXPOSURE CATEGORY	Reported HIV Diagnoses ^a		Reported AIDS Diagnoses	
	No.	%	No.	%
Men who have Sex with Men (MSM)	185	45.6%	60	28.8%
Injection Drug Users (IDU)	122	30.0%	91	43.8%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	13	3.2%	10	4.8%
Heterosexual Exposure (HET)	86	21.2%	45	21.6%
Other Exposures	0	0.0%	2	1.0%
No Reported Exposure ^b	201		51	
TOTAL ADULT/ADOLESCENT MALES	607	100.0%	259	100.0%

ADULT/ADOLESCENT (AGE 13+ AT DIAGNOSIS) FEMALES EXPOSURE CATEGORY	Reported HIV Diagnoses ^a		Reported AIDS Diagnoses	
	No.	%	No.	%
Injection Drug Users (IDU)	55	33.1%	51	46.4%
Heterosexual Exposure (HET)	111	66.9%	57	51.8%
Other Exposures	0	0.0%	2	1.8%
No Reported Exposure ^b	156		35	
TOTAL ADULT/ADOLESCENT FEMALES	322	100.0%	145	100.0%

a During the transition to name-based HIV reporting, many reported HIV cases were identified by a recent HIV diagnosis, but not by their earliest HIV diagnosis, resulting in an over-reporting of HIV diagnoses in recent years

b Cases with no reported exposure category were excluded from percent distributions

Section X – Living HIV and AIDS Cases by Exposure Category, Age, and Gender, Alive on 12/31/2008

Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/08 as Reported by Name through 12/31/09

ALL AGES ALL GENDERS EXPOSURE CATEGORY	Living HIV Cases without AIDS ^a		Living HIV Cases with AIDS		Total Living HIV Cases	
	No.	%	No.	%	No.	%
Men who have Sex with Men (MSM)	1,029	24.3%	1,250	18.7%	2,279	31.4%
Injection Drug Users (IDU)	1,840	43.5%	3,380	50.6%	5,220	30.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	149	3.5%	277	4.1%	426	3.7%
Heterosexual Exposure (HET)	1,127	26.7%	1,668	25.0%	2,795	32.7%
Other Exposures	81	1.9%	110	1.6%	191	2.1%
No Reported Exposure ^b	1,667		577		2,244	
TOTAL	5,893	100.0%	7,262	100.0%	13,155	100.0%

ADULT/ADOLESCENT (AGE 13+ ON 12/31/08) MALES EXPOSURE CATEGORY	Living HIV Cases without AIDS ^a		Living HIV Cases with AIDS		Total Living HIV Cases	
	No.	%	No.	%	No.	%
Men who have Sex with Men (MSM)	1,029	38.2%	1,250	29.2%	2,279	32.7%
Injection Drug Users (IDU)	1,141	42.4%	2,099	49.0%	3,240	46.4%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	149	5.5%	277	6.5%	426	6.1%
Heterosexual Exposure (HET)	344	12.8%	608	14.2%	952	13.6%
Other Exposures	29	1.1%	51	1.2%	80	1.1%
No Reported Exposure ^b	930		316		1,246	
TOTAL ADULT/ADOLESCENT MALES	3,622	100.0%	4,601	100.0%	8,223	100.0%

ADULT/ADOLESCENT (AGE 13+ ON 12/31/08) FEMALES EXPOSURE CATEGORY	Living HIV Cases without AIDS ^a		Living HIV Cases with AIDS		Total Living HIV Cases	
	No.	%	No.	%	No.	%
Injection Drug Users (IDU)	699	46.0%	1,281	53.6%	1,980	50.7%
Heterosexual Exposure (HET)	783	51.6%	1,060	44.4%	1,843	47.2%
Other Exposures	36	2.4%	47	2.0%	83	2.1%
No Reported Exposure ^b	729		261		990	
TOTAL ADULT/ADOLESCENT FEMALES	2,247	100.0%	2,649	100.0%	4,896	100.0%

a During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS is lower than previously reported

b Cases with no reported exposure category were excluded from percent distributions